

Simon S Wing

List of Publications by Year in descending order

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57
papers

3,483
citations

147801

31
h-index

155660

55
g-index

57
all docs

57
docs citations

57
times ranked

4350
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Low Muscle Mass With Cognitive Function During a 3-Year Follow-up Among Adults Aged 65 to 86 Years in the Canadian Longitudinal Study on Aging. <i>JAMA Network Open</i> , 2022, 5, e2219926.	5.9	13
2	Interactions of the super complexes: When mTORC1 meets the proteasome. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 117, 105638.	2.8	14
3	The deubiquitinating enzyme USP19 modulates adipogenesis and potentiates high-fat-diet-induced obesity and glucose intolerance in mice. <i>Diabetologia</i> , 2019, 62, 136-146.	6.3	17
4	The <sc>AMPK</sc> agonist 5-aminimidazole-4-carboxamide ribonucleotide (AICAR), but not metformin, prevents inflammation-associated cachectic muscle wasting. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	58
5	Knockout of USP19 Deubiquitinating Enzyme Prevents Muscle Wasting by Modulating Insulin and Glucocorticoid Signaling. <i>Endocrinology</i> , 2018, 159, 2966-2977.	2.8	11
6	Huwe1 Regulates the Establishment and Maintenance of Spermatogonia by Suppressing DNA Damage Response. <i>Endocrinology</i> , 2017, 158, 4000-4016.	2.8	21
7	Ubiquitin Ligase Huwe1 Modulates Spermatogenesis by Regulating Spermatogonial Differentiation and Entry into Meiosis. <i>Scientific Reports</i> , 2017, 7, 17759.	3.3	17
8	The ubiquitin proteasome system in atrophying skeletal muscle: roles and regulation. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C392-C403.	4.6	117
9	Proteolysis - A master regulator in health and disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 402.	2.8	1
10	Deubiquitinating enzymes in skeletal muscle atrophy - An essential role for USP19. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 462-468.	2.8	22
11	Role of the deubiquitinating enzyme ubiquitin-specific protease-14 in proteostasis in renal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F1035-F1046.	2.7	14
12	The business of deubiquitination - "location, location, location". <i>F1000Research</i> , 2016, 5, 163.	1.6	18
13	Inactivation of the ubiquitin-specific protease 19 deubiquitinating enzyme protects against muscle wasting. <i>FASEB Journal</i> , 2015, 29, 3889-3898.	0.5	38
14	USP19 deubiquitinating enzyme inhibits muscle cell differentiation by suppressing unfolded-protein response signaling. <i>Molecular Biology of the Cell</i> , 2015, 26, 913-923.	2.1	36
15	A central role for ubiquitination within a circadian clock protein modification code. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 69.	2.9	79
16	USP2 Regulates the Intracellular Localization of PER1 and Circadian Gene Expression. <i>Journal of Biological Rhythms</i> , 2014, 29, 243-256.	2.6	32
17	Ubiquitin - Proteasome System in Spermatogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2014, 759, 181-213.	1.6	65
18	Deubiquitinases in skeletal muscle atrophy. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2130-2135.	2.8	30

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19	Targeting Protein Synthesis in a Myc/mTOR-Driven Model of Anorexia-Cachexia Syndrome Delays Its Onset and Prolongs Survival. <i>Cancer Research</i> , 2012, 72, 747-756.	0.9	34
20	Ataxin-3 Deubiquitination Is Coupled to Parkin Ubiquitination via E2 Ubiquitin-conjugating Enzyme. <i>Journal of Biological Chemistry</i> , 2012, 287, 531-541.	3.4	64
21	Regulation of behavioral circadian rhythms and clock protein PER1 by the deubiquitinating enzyme USP2. <i>Biology Open</i> , 2012, 1, 789-801.	1.2	38
22	Expression of the Ubiquitin Proteasome System in Neonatal Rat Gonocytes and Spermatogonia: Role in Gonocyte Differentiation1. <i>Biology of Reproduction</i> , 2012, 87, 44.	2.7	33
23	Complement modulates the function of the ubiquitin-proteasome system and endoplasmic reticulum-associated degradation in glomerular epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1007-1016.	4.1	20
24	Proteolysis in illness-associated skeletal muscle atrophy: from pathways to networks. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2011, 48, 49-70.	6.1	62
25	Mice Lacking the USP2 Deubiquitinating Enzyme Have Severe Male Subfertility Associated with Defects in Fertilization and Sperm Motility. <i>Biology of Reproduction</i> , 2011, 85, 594-604.	2.7	64
26	Identification of Distinctive Patterns of USP19-Mediated Growth Regulation in Normal and Malignant Cells. <i>PLoS ONE</i> , 2011, 6, e15936.	2.5	25
27	Skeletal muscle PI3K/Akt signaling and ubiquitin-related enzyme mRNA expression in lung cancer cachexia. <i>FASEB Journal</i> , 2011, 25, 1059.21.	0.5	0
28	Mechanisms Involved in 3',5'-Cyclic Adenosine Monophosphate-Mediated Inhibition of the Ubiquitin-Proteasome System in Skeletal Muscle. <i>Endocrinology</i> , 2009, 150, 5395-5404.	2.8	41
29	USP19-deubiquitinating enzyme regulates levels of major myofibrillar proteins in L6 muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1283-E1290.	3.5	40
30	Fed-state clamp stimulates cellular mechanisms of muscle protein anabolism and modulates glucose disposal in normal men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E105-E113.	3.5	19
31	USP19 Deubiquitinating Enzyme Supports Cell Proliferation by Stabilizing KPC1, a Ubiquitin Ligase for p27 ^{Kip1} . <i>Molecular and Cellular Biology</i> , 2009, 29, 547-558.	2.3	89
32	The UPS in diabetes and obesity. <i>BMC Biochemistry</i> , 2008, 9, S6.	4.4	45
33	Mechanisms involved in cAMP mediated inhibition of the Ubiquitin-Proteasome system. <i>FASEB Journal</i> , 2008, 22, 962.5.	0.5	0
34	A New Method of Purification of Proteasome Substrates Reveals Polyubiquitination of 20 S Proteasome Subunits*. <i>Journal of Biological Chemistry</i> , 2007, 282, 5302-5309.	3.4	28
35	Regulated expression of the ubiquitin protein ligase, E3 ^{Histone} /LASU1/Mule/ARF ^{BP1} /HUWE1, during spermatogenesis. <i>Developmental Dynamics</i> , 2007, 236, 2889-2898.	1.8	45
36	Poly(A) binding protein (PABP) homeostasis is mediated by the stability of its inhibitor, Paip2. <i>EMBO Journal</i> , 2006, 25, 1934-1944.	7.8	98

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37	USP19 is a ubiquitin-specific protease regulated in rat skeletal muscle during catabolic states. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E693-E700.	3.5	84
38	A proinflammatory tumor that activates protein degradation sensitizes rats to catabolic effects of endotoxin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E527-E533.	3.5	6
39	Mice Lacking the UBC4-testis Gene Have a Delay in Postnatal Testis Development but Normal Spermatogenesis and Fertility. <i>Molecular and Cellular Biology</i> , 2005, 25, 6346-6354.	2.3	22
40	Characterization of E3 Histone , a Novel Testis Ubiquitin Protein Ligase Which Ubiquitinates Histones. <i>Molecular and Cellular Biology</i> , 2005, 25, 2819-2831.	2.3	126
41	Control of ubiquitination in skeletal muscle wasting. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 2075-2087.	2.8	33
42	BH3-ligand regulates access of MCL-1 to its E3 ligase. <i>FEBS Letters</i> , 2005, 579, 5603-5608.	2.8	102
43	S-Nitrosylation of IRP2 Regulates Its Stability via the Ubiquitin-Proteasome Pathway. <i>Molecular and Cellular Biology</i> , 2004, 24, 330-337.	2.3	85
44	Deubiquitinating enzymes—the importance of driving in reverse along the ubiquitin-proteasome pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 590-605.	2.8	169
45	Effect of heart failure on the regulation of skeletal muscle protein synthesis, breakdown, and apoptosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E1001-E1008.	3.5	22
46	Characterization of Rat100, a 300-Kilodalton Ubiquitin-Protein Ligase Induced in Germ Cells of the Rat Testis and Similar to the <i>Drosophila</i> Hyperplastic Discs Gene. <i>Endocrinology</i> , 2002, 143, 3740-3747.	2.8	20
47	Ubiquitin-conjugating enzyme E214k/HR6B is dispensable for increased protein catabolism in muscle of fasted mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E482-E489.	3.5	27
48	Control of ubiquitination of proteins in rat tissues by ubiquitin conjugating enzymes and isopeptidases. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E739-E745.	3.5	36
49	Divergent N-terminal Sequences of a Deubiquitinating Enzyme Modulate Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2001, 276, 20357-20363.	3.4	41
50	Divergent N-Terminal Sequences Target an Inducible Testis Deubiquitinating Enzyme to Distinct Subcellular Structures. <i>Molecular and Cellular Biology</i> , 2000, 20, 6568-6578.	2.3	68
51	Identification of Rabbit Reticulocyte E217K as a UBC7 Homologue and Functional Characterization of Its Core Domain Loop. <i>Journal of Biological Chemistry</i> , 1999, 274, 14685-14691.	3.4	9
52	The Tyrosine Kinase Negative Regulator c-Cbl as a RING-Type, E2-Dependent Ubiquitin-Protein Ligase. <i>Science</i> , 1999, 286, 309-312.	12.6	963
53	Activation of a UBC4-Dependent Pathway of Ubiquitin Conjugation during Postnatal Development of the Rat Testis. <i>Developmental Biology</i> , 1999, 212, 217-228.	2.0	53
54	Identification of Amino Acid Residues in a Class I Ubiquitin-conjugating Enzyme Involved in Determining Specificity of Conjugation of Ubiquitin to Proteins. <i>Journal of Biological Chemistry</i> , 1998, 273, 18435-18442.	3.4	14

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55	Preproparathyroid Hormone-related Protein, a Secreted Peptide, Is a Substrate for the Ubiquitin Proteolytic System. <i>Journal of Biological Chemistry</i> , 1997, 272, 6706-6713.	3.4	30
56	Insulin-like growth factor I stimulates degradation of an mRNA transcript encoding the 14 kDa ubiquitin-conjugating enzyme. <i>Biochemical Journal</i> , 1996, 319, 455-461.	3.7	50
57	Endocrine regulation of protein breakdown in skeletal muscle. <i>Diabetes/metabolism Reviews</i> , 1988, 4, 751-772.	0.3	175